

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 1945 P2/USA/SILICON/MBE

SERIAL NO. ^{031/362924}
N/A

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT Chow, et al

FILING DATE Herewith

GROUP ~~Unknown~~ 1746

U.S. PATENT DOCUMENTS

| Examiner Initial | | DOCKET NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------------|--------------------|----------------|----------------|----------------------------|
| <i>Juc</i> | A1 | 4 | 2 | 8 | 2 | 2 | 6 | 7 | 08/04/81 | Kuyel | 427 | 38 | |
| <i>Juc</i> | A2 | 4 | 4 | 3 | 3 | 2 | 2 | 8 | 02/21/84 | Nishimatsu, et al | 219 | 10.55 R | |
| <i>Juc</i> | A3 | 4 | 4 | 6 | 5 | 5 | 3 | 2 | 08/14/84 | Fukano | 156 | 643 | |
| <i>Juc</i> | A4 | 4 | 4 | 9 | 0 | 2 | 0 | 9 | 12/25/84 | Hartman | 156 | 643 | |
| <i>Juc</i> | A5 | 4 | 5 | 0 | 2 | 9 | 1 | 4 | 03/05/85 | Trumpp et al | 156 | 643 | |
| <i>Juc</i> | A6 | 4 | 5 | 7 | 6 | 6 | 9 | 2 | 03/18/86 | Fukuta, et al | 204 | 165 | |
| <i>Juc</i> | A7 | 4 | 7 | 0 | 5 | 5 | 9 | 5 | 11/10/87 | Okudaira et al | 156 | 643 | |
| <i>Juc</i> | A8 | 4 | 7 | 3 | 8 | 7 | 4 | 18 | 04/19/88 | Kisa | 156 | 643 | |
| <i>Juc</i> | A9 | 4 | 7 | 8 | 6 | 3 | 5 | 2 | 11/22/88 | Benzing | 156 | 345 | |
| <i>Juc</i> | A10 | 4 | 8 | 1 | 8 | 3 | 2 | 6 | 04/04/89 | Liu, et al | 156 | 345 | |
| <i>Juc</i> | A11 | 4 | 8 | 3 | 1 | 9 | 6 | 3 | 05/23/89 | Saito, et al | 118 | 723 | |
| <i>Juc</i> | A12 | 4 | 8 | 6 | 3 | 5 | 6 | 1 | 09/05/89 | Freeman, et al | 156 | 646 | |
| <i>Juc</i> | A13 | 4 | 8 | 6 | 7 | 8 | 4 | 1 | 09/19/89 | Loewenstein, et al | 156 | 643 | |
| <i>Juc</i> | A14 | 4 | 8 | 7 | 6 | 2 | 1 | 2 | 10/24/89 | Koury | 437 | 34 | |
| <i>Juc</i> | A15 | 4 | 9 | 7 | 5 | 1 | 4 | 4 | 12/04/90 | Yamazaki, et al | 156 | 643 | |
| <i>Juc</i> | A16 | 4 | 9 | 9 | 2 | 1 | 3 | 6 | 02/12/91 | Tachi et al | 156 | 643 | |
| <i>Juc</i> | A17 | 4 | 9 | 9 | 4 | 4 | 1 | 0 | 02/19/91 | Sun et al | 437 | 192 | |
| <i>Juc</i> | A18 | 5 | 0 | 0 | 2 | 6 | 3 | 2 | 03/26/91 | Loewenstein, et al | 156 | 643 | |
| <i>Juc</i> | A19 | 5 | 0 | 1 | 3 | 3 | 9 | 8 | 05/07/91 | Long et al | 156 | 643 | |
| <i>Juc</i> | A20 | 5 | 0 | 3 | 5 | 7 | 6 | 8 | 07/30/91 | Mu et al | 156 | 626 | |
| <i>Juc</i> | A21 | 5 | 0 | 8 | 4 | 1 | 2 | 6 | 01/28/92 | McKee | 156 | 345 | |
| <i>Juc</i> | A22 | 5 | 0 | 9 | 4 | 7 | 1 | 2 | 03/10/92 | Becker et al | 156 | 643 | |
| <i>Juc</i> | A23 | 5 | 1 | 1 | 0 | 4 | 0 | 8 | 05/05/92 | Fujii et al | 156 | 643 | |
| <i>Juc</i> | A24 | 5 | 1 | 1 | 0 | 4 | 1 | 1 | 05/05/92 | Long | 156 | 656 | |
| <i>Juc</i> | A25 | 5 | 1 | 1 | 8 | 3 | 8 | 7 | 06/02/92 | Kadomura | 156 | 657 | |
| <i>Juc</i> | A26 | 5 | 1 | 6 | 0 | 4 | 0 | 7 | 11/03/92 | Latchford et al | 156 | 656 | |
| <i>Juc</i> | A27 | 5 | 1 | 6 | 4 | 3 | 3 | 0 | 11/17/92 | Davis et al | 437 | 192 | |
| <i>Juc</i> | A28 | 5 | 1 | 7 | 6 | 7 | 9 | 2 | 01/05/93 | Fallowan et al | 156 | 652 | |
| <i>Juc</i> | A29 | 5 | 1 | 8 | 8 | 9 | 8 | 0 | 02/23/93 | Lai | 437 | 193 | |
| <i>Juc</i> | A30 | 5 | 1 | 9 | 2 | 7 | 0 | 2 | 03/09/93 | Tseng | 437 | 47 | |

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 1945 P2/USA/SILICON/MBE

C.G./362,924
SERIAL NO. N/A

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT Chow, et al

FILING DATE Herewith

GROUP Unknown 1746

U.S. PATENT DOCUMENTS

| Examiner Initial | | DOCKET NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|---------------------|----------------|----------------|----------------------------|
| | A31 | 5 | 2 | 5 | 6 | 2 | 4 | 5 | 10/26/93 | Keller, et al. | 156 | 643 | |
| <i>See</i> | A32 | 5 | 2 | 8 | 2 | 8 | 9 | 9 | 02/01/94 | Balmashonov, et al. | 118 | 723 R | |
| <i>See</i> | A33 | 5 | 3 | 1 | 2 | 5 | 1 | 9 | 05/17/94 | Sakai, et al. | 134 | 1 | |
| <i>See</i> | A34 | 5 | 3 | 1 | 8 | 6 | 6 | 8 | 06/07/94 | Tamaki, et al. | 156 | 662 | |
| <i>See</i> | A35 | 5 | 3 | 3 | 8 | 3 | 9 | 8 | 08/16/94 | Szwejkowski, et al. | 156 | 655 | |
| <i>See</i> | A36 | 5 | 3 | 5 | 4 | 4 | 1 | 7 | 10/11/94 | Cheung, et al. | 156 | 643 | |
| <i>See</i> | A37 | 5 | 3 | 5 | 6 | 4 | 7 | 8 | 10/18/94 | Chen, et al. | 134 | 1 | |
| <i>See</i> | A38 | 5 | 3 | 5 | 8 | 6 | 0 | 1 | 10/25/94 | Cathey | 156 | 656 | |
| <i>See</i> | A39 | 5 | 3 | 8 | 2 | 3 | 1 | 6 | 01/17/95 | Hills, et al. | 156 | 643 | |
| <i>See</i> | A40 | 5 | 4 | 1 | 3 | 9 | 5 | 4 | 05/09/95 | Aydil, et al. | 437 | 81 | |
| <i>See</i> | A41 | 5 | 4 | 3 | 1 | 7 | 7 | 2 | 07/11/95 | Babie, et al. | 156 | 643.1 | |
| <i>See</i> | A42 | 5 | 4 | 4 | 3 | 6 | 8 | 6 | 08/22/95 | Jones, et al. | 216 | 37 | |
| <i>See</i> | A43 | 5 | 4 | 4 | 9 | 4 | 1 | 1 | 09/12/95 | Fukuda, et al. | 118 | 723 MP | |
| <i>See</i> | A44 | 5 | 5 | 1 | 4 | 6 | 2 | 2 | 05/07/96 | Bornstein, et al. | 437 | 189 | |
| <i>See</i> | A45 | 5 | 5 | 2 | 1 | 1 | 1 | 9 | 05/28/96 | Chen, et al. | 437 | 187 | |
| <i>See</i> | A46 | 5 | 5 | 2 | 9 | 1 | 9 | 7 | 06/25/96 | Grewal | 216 | 68 | |
| <i>See</i> | A47 | 5 | 6 | 2 | 0 | 6 | 1 | 5 | 04/15/97 | Keller | 438 | 720 | |
| <i>See</i> | A48 | 5 | 6 | 2 | 6 | 7 | 7 | 5 | 05/06/97 | Roberts, et al. | 216 | 67 | |
| <i>See</i> | A49 | 5 | 6 | 4 | 4 | 1 | 5 | 3 | 07/01/97 | Keller | 257 | 324 | |
| <i>See</i> | A50 | 5 | 7 | 5 | 3 | 5 | 3 | 3 | 05/19/98 | Saito | 437 | 192 | |
| <i>See</i> | A51 | 5 | 7 | 5 | 6 | 4 | 0 | 0 | 05/26/98 | Ye, et al. | 438 | 710 | |
| <i>See</i> | A52 | 5 | 8 | 6 | 6 | 4 | 8 | 3 | 02/02/99 | Shiau, et al. | 438 | 720 | |
| <i>See</i> | A53 | 5 | 8 | 7 | 4 | 3 | 6 | 3 | 02/23/99 | Hoh, et al. | 438 | 721 | |
| <i>See</i> | A54 | 5 | 8 | 7 | 9 | 5 | 7 | 5 | 03/09/99 | Tepman, et al. | 216 | 68 | |
| | A55 | | | | | | | | | | | | |
| | A56 | | | | | | | | | | | | |
| | A57 | | | | | | | | | | | | |
| | A58 | | | | | | | | | | | | |
| | A59 | | | | | | | | | | | | |
| | A60 | | | | | | | | | | | | |

EXAMINER

Allen W. Chao

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C9/22/92
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APPLICANT Chow, et al

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GROUP Unknown 1746

FOREIGN PATENT DOCUMENTS

| | | DOCKET NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|------------|-----|---------------|---|---|---|---|---|---|----------|--------------------|-------|----------|-------------|----|
| | | | | | | | | | | | | | YES | NO |
| <i>See</i> | B1 | 0 | 4 | 6 | 3 | 3 | 7 | 3 | 01/02/92 | EP Application | _____ | _____ | | |
| <i>See</i> | B2 | 0 | 5 | 1 | 6 | 0 | 4 | 3 | 12/02/92 | EP Application | _____ | _____ | | |
| <i>See</i> | B3 | 0 | 5 | 5 | 5 | 5 | 4 | 6 | 08/18/93 | EP Application | _____ | _____ | | |
| <i>See</i> | B4 | 0 | 6 | 9 | 7 | 4 | 6 | 7 | 02/21/96 | EP Application | _____ | _____ | | |
| <i>See</i> | B5 | 4 | 1 | 3 | 2 | 5 | 5 | 9 | 04/08/93 | German Application | _____ | _____ | ✓ | |
| <i>See</i> | B6 | 9 | 6 | 1 | 5 | 5 | 4 | 5 | 05/23/96 | PCT | _____ | _____ | | |
| | B7 | | | | | | | | | | | | | |
| | B8 | | | | | | | | | | | | | |
| | B9 | | | | | | | | | | | | | |
| | B10 | | | | | | | | | | | | | |
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| | B28 | | | | | | | | | | | | | |

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GROUP ~~Unknown~~ ¹⁷⁴⁶

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|-------------|-----|--|
| <i>file</i> | C1 | Avdil, et al., "Multiple Steady States in a Radio Frequency Chlorine Glow Discharge," <u>J. Appl. Phys.</u> , Volume 69, No. 1, January 1, 1991, pages 109-114 |
| <i>file</i> | C2 | Hillenius, S.J., et al., "A Symmetric Submicron CMOS Technology," <u>IEEE</u> , pages 252-255, 1986 ✓ |
| <i>file</i> | C3 | PCT Notification of International Search Report dated February 4, 1999 |
| | C4 | |
| | C5 | |
| | C6 | |
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| | C8 | |
| | C9 | |
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2/3/99

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